

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A remotely monitorable shipping container comprising:
 - a shipping container body having associated therewith at least one door and at least one door latch having a latch locking element arranged for locking engagement with a door mounted locking element;
 - at least one wireless communicator operative to wirelessly transmit information regarding the status of an electronic seal mounted onto the locking element for confirming locking of the at least one door; and
 - at least one wireless antenna mounted within a protected enclosure on the outside of the shipping container for transmitting the information from the at least one wireless communicator, at least a portion of said protected enclosure being formed of a material which does not appreciably attenuate the output of said at least one wireless antenna, said wireless communicator being located on the inside of said door and being coupled via a wire to said antenna, and said antenna being fixed to and mounted on the outside of said door.
2. (Original) A remotely monitorable shipping container according to claim 1 and wherein the at least one wireless communicator comprises a transceiver.
3. (Original) A remotely monitorable shipping container according to claim 2 and also comprising at least one GPS antenna for receiving signals relating to location of the shipping container and location reporting circuitry responsive to an output from the at least one GPS antenna for providing information to the at least one wireless communicator indicating location of the shipping container.
4. (Original) A remotely monitorable shipping container according to claim 2 and wherein the at least one wireless communicator comprises at least one RF transmitter.

5. (Original) A remotely monitorable shipping container according to claim 2 and wherein the at least one wireless communicator comprises at least one long range transmitter.

6. (Original) A remotely monitorable shipping container according to claim 2 and wherein the at least one wireless communicator comprises a transmitter communicating via at least one of cellular, radio and satellite communication networks.

7. (Original) A remotely monitorable shipping container according to claim 1 and wherein the latch locking element comprises a tamper-resistant remotely monitorable electronic seal comprising:

a shaft portion;

a socket arranged to engage the shaft portion in a monitorable manner, whereby disengagement of the socket and the shaft portion results in a monitorable event; and

a wireless communicator associated with at least one of the shaft portion and the socket and being operative to provide a remotely monitorable indication of the monitorable event.

8. (Original) A remotely monitorable shipping container according to claim 7 and also comprising at least one GPS antenna for receiving signals relating to location of the shipping container and location reporting circuitry responsive to an output from the at least one GPS antenna for providing information to the at least one wireless communicator indicating location of the shipping container.

9. (Original) A remotely monitorable shipping container according to claim 7 and wherein the at least one wireless communicator comprises at least one RF transmitter.

10. (Original) A remotely monitorable shipping container according to claim 7 and wherein the at least one wireless communicator comprises at least one long range transmitter.

11. (Original) A remotely monitorable shipping container according to claim 1 and also comprising at least one sensor operative to sense at least one condition within the shipping container and wherein the at least one wireless communicator and the at least one wireless antenna are operative to wirelessly transmit information regarding an output of the at least one sensor to a remote monitor.

12. (Original) A remotely monitorable shipping container according to claim 11, and wherein the at least one sensor senses at least one of carbon dioxide, infra-red emissions and temperature.

13. (Original) A remotely monitorable shipping container according to claim 11 and wherein the at least one wireless communicator also transmits information regarding the status of cargo, within said shipping container body.

14. (Original) A remotely monitorable shipping container according to claim 1 and also comprising at least one GPS antenna for receiving signals relating to location of the shipping container and location reporting circuitry responsive to an output from the at least one GPS antenna for providing information to the at least one wireless communicator indicating location of the shipping container.

15. (Original) A remotely monitorable shipping-container according to claim 1 and wherein the at least one wireless communicator comprises at least one RF transmitter.

16. (Original) A remotely monitorable shipping container according to claim 1 and wherein the at least one wireless communicator comprises at least one long range transmitter.

17. (Original) A remotely monitorable shipping container according to claim 1 and wherein the at least one wireless communicator comprises a transmitter communicating via at least one of cellular, radio and satellite communication networks.

18. (Currently Amended) A shipping container communications systems comprising:

a remotely monitorable shipping container including:

a shipping container body having associated therewith at least one door and at least one door latch having a latch locking element arranged for locking engagement with a door mounted locking element;

at least one wireless communicator operative to wirelessly transmit information regarding the status of an electronic seal mounted onto the locking element for confirming locking of the at least one door; and

at least one wireless antenna mounted within a protected enclosure on the outside of the shipping container for transmitting the information from the at least one wireless communicator, at least a portion of said protected enclosure being formed of a material which does not appreciably attenuate the output of said at least one wireless antenna, said wireless communicator being located on the inside of said door and being coupled via a wire to said antenna, and said antenna being fixed to and mounted on the outside of said door; and

at least one remote communicator communicating with the at least one wireless communicator.

19. (Original) A shipping container communications system according to claim 18 and wherein the at least one remote communicator comprises at least one of:

a presence sensor and communicator;

a remote monitor; and

an electronic seal.

20. (Original) A shipping container communications system according to claim 18 and wherein the at least one wireless communicator comprises at least one transceiver, communicating with the at least one remote communicator and wherein:

the at least one remote communicator comprises at least one of:

a presence sensor and communicator;

a remote monitor; and

an electronic seal.

21. (Previously Presented) A remotely monitorable shipping container according to claim 1 and also comprising at least one sensor operative to sense at least one of carbon dioxide and motion within the shipping container and wherein the at least one wireless communicator and the at least one wireless antenna are operative to wirelessly transmit information regarding an output of the at least one sensor to a remote monitor.

22. (Previously Presented) A shipping container communications system according to claim 18 and also comprising at least one sensor operative to sense at least one of carbon dioxide and motion within the shipping container and wherein the at least one wireless communicator and the at least one wireless antenna are operative to wirelessly transmit information regarding an output of the at least one sensor to a remote monitor.